



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

) ALVIN J. WATSON

) Serial No.: 09/542,032

) Filed: April 3, 2000

) Examiner: R. Leykinl

) Group Art Unit: 2837

) SYSTEM AND METHOD FOR
VARIABLE PUMP CONTROL

CERTIFICATE OF MAILING

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AMENDMENT

Assistant Commissioner for Patents
Box Amendment-No Fee
Washington, D.C. 20231

Match & Return

Sir:

Responsive to the Office Action dated May 18, 2001, please amend the above-
identified application as follows:

IN THE CLAIMS:

Please amend the claims to read as follows:

1. (Amended) A system for controlling the speed of an AC electric motor
connected to a cyclical load, the system comprising:

a signal conversion circuit to convert an AC electric signal to a DC electric signal;

a signal measurement circuit sampling the DC electrical signal and deriving a DC

electric characteristic signal corresponding to a motor attribute in response thereto;